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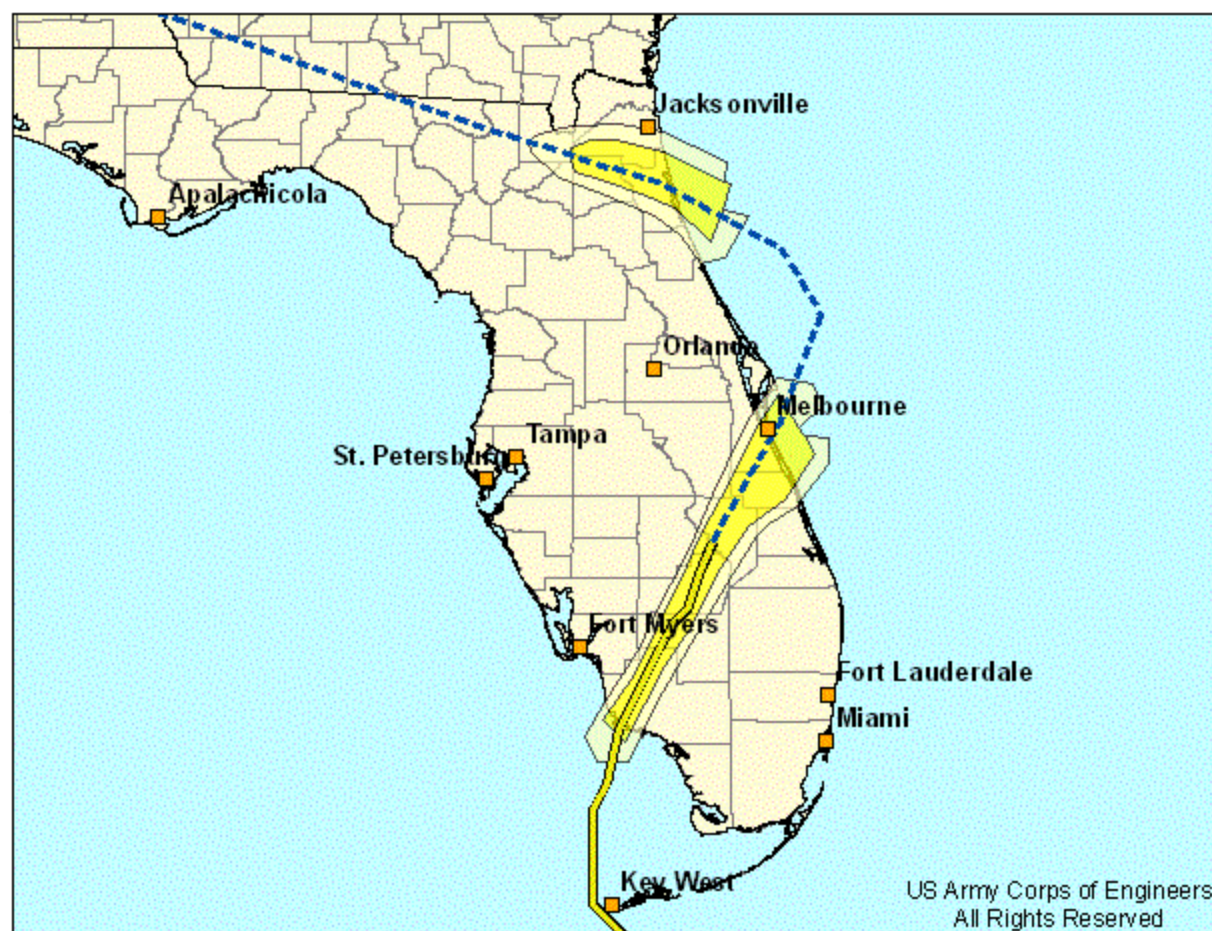
# Hurricane Fay Projected Damage Areas

Landfall Plus About **12** Hours

**For Planning  
Purposes Only!**

## Post Landfall Projected Damage Areas

This model is based on a  
Category 1 storm making landfall  
on SW coast, then NE coast.



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Forecast Track

Historic Track

### Projected Damage Areas

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 1 storm making landfall on SW coast, then NE coast. These projections are based on information from the NHC (1700 EDT 08/19/2008) forecast.

Details about this model may be obtained at <http://www.enlink.usace.army.mil>  
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

### Hurricane Fay Projected Damage Areas

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Siemsen, LRL 1730 EDT 08/19/2008

#### Sources:

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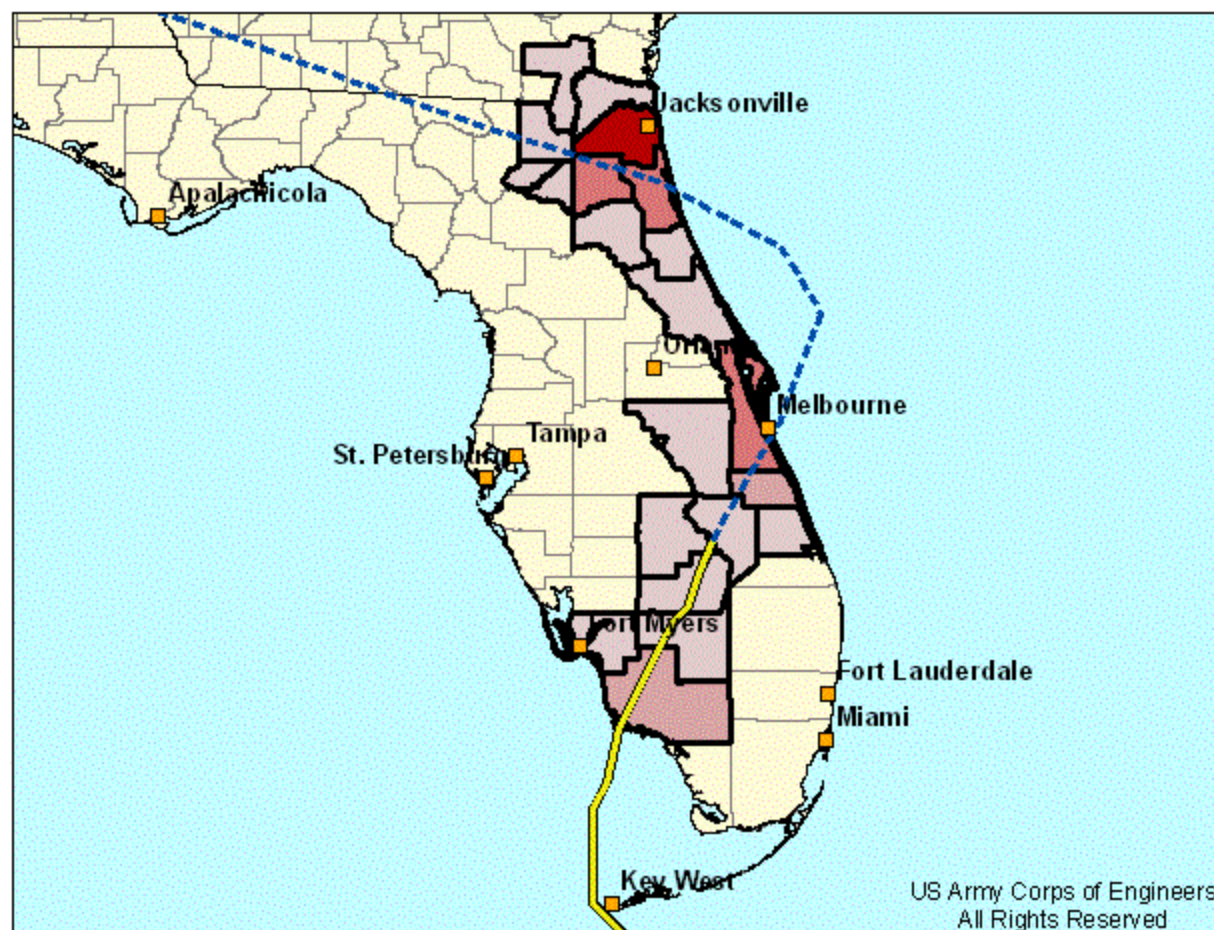


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# Hurricane Fay Debris Model

Landfall Plus About **12** Hours

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## Post Landfall Debris Model Results

Florida - 2,876,000 Yards

*Model results per County on  
following page*

This model is based on a  
Category 1 storm making landfall  
on SW coast, then NE coast.

Forecast Track

Historic Track

### Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- > 1,000,000 cubic yards

Information provided on this page displays a Category 1 storm making landfall on SW coast, then NE coast. These projections are based on information from the NHC (1700 EDT 08/19/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at <http://www.enlink.usace.army.mil>  
or contact Louisville District staff at [DLL-CELRL-GIS@usace.army.mil](mailto:DLL-CELRL-GIS@usace.army.mil)

## Hurricane Fay Debris Model

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# Hurricane Fay Debris Model

## Landfall Plus About 12 Hours

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| State   | Yards per State | County       | Yards per<br>County |
|---------|-----------------|--------------|---------------------|
| Florida |                 | Baker        | 16,000              |
|         |                 | Bradford     | 3,000               |
|         |                 | Brevard      | 427,000             |
|         |                 | Clay         | 398,000             |
|         |                 | Collier      | 212,000             |
|         |                 | Duval        | 1,232,000           |
|         |                 | Flagler      | 24,000              |
|         |                 | Glades       | 14,000              |
|         |                 | Hendry       | 8,000               |
|         |                 | Highlands    | 6,000               |
|         |                 | Indian River | 113,000             |
|         |                 | Lee          | < 1,000             |
|         |                 | Nassau       | 2,000               |
|         |                 | Okeechobee   | 25,000              |
|         |                 | Osceola      | < 1,000             |
|         |                 | Putnam       | < 1,000             |
|         |                 | St Johns     | 390,000             |
|         |                 | St Lucie     | 3,000               |
|         |                 | Union        | < 1,000             |
|         |                 | Volusia      | 3,000               |
| Florida | 2,876,000       |              |                     |
| Georgia |                 | Charlton     | < 1,000             |
| Georgia |                 |              |                     |
|         |                 |              |                     |
|         |                 |              |                     |
|         |                 |              |                     |
|         |                 |              |                     |
|         |                 |              |                     |
|         |                 |              |                     |
|         |                 |              |                     |

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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### Hurricane Fay Debris Model

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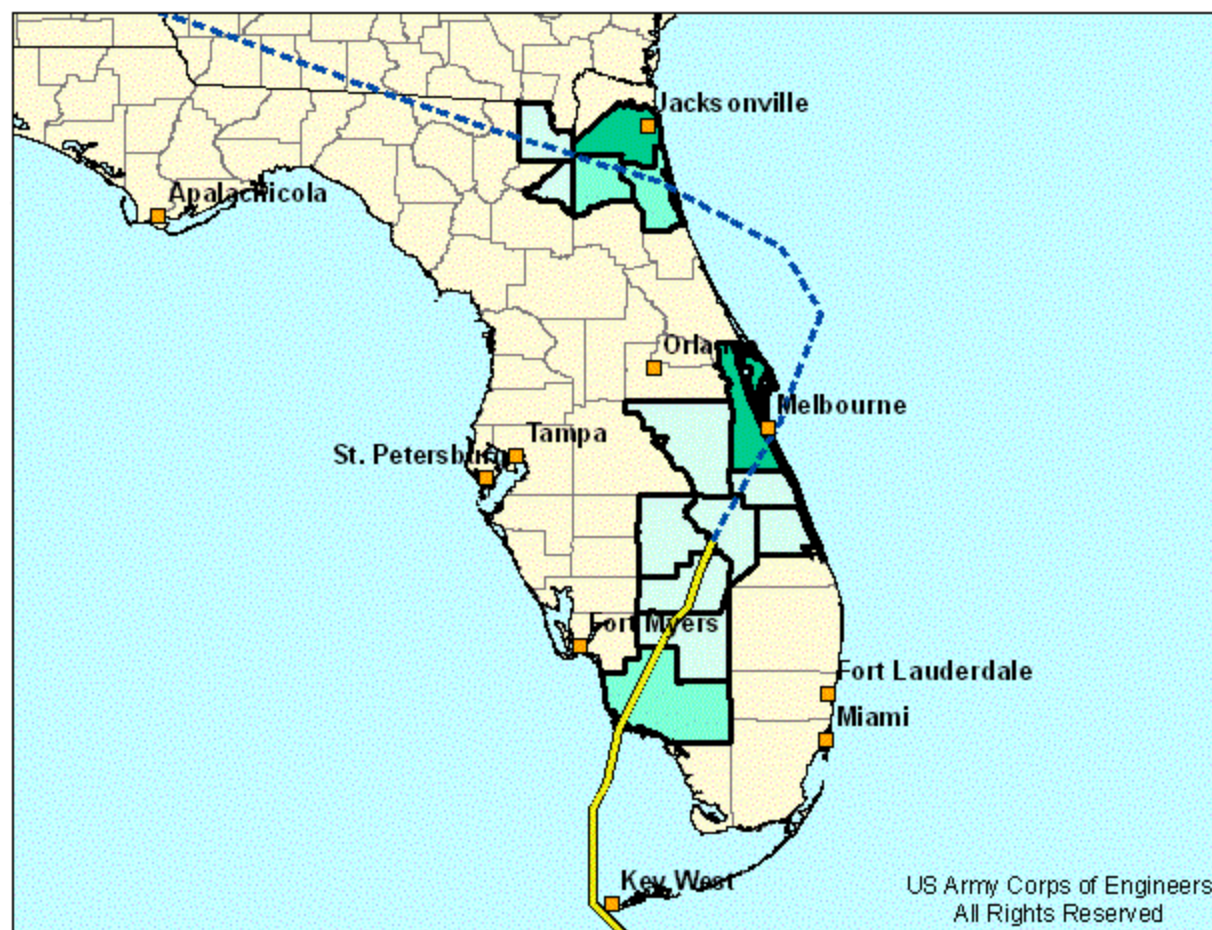


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# Hurricane Fay Commodities Model

Landfall Plus About **12** Hours

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0 200 400 Miles

## Post Landfall Water Model Results

**Day One / Day Two / Day Three**  
Florida – 50/50/54 Truckloads

*Model results per County on  
following page*

This model is based on a  
Category 1 storm making landfall  
on SW coast, then NE coast.

Forecast Track

Historic Track

### Commodities

< 5 Trucks Each

5 - 10 Trucks Each

11 - 20 Trucks Each

21 - 40 Trucks Each

> 40 Trucks Each

Information provided on this page displays a Category 1 storm making landfall on SW coast, then NE coast. These projections are based on information from the NHC (1700 EDT 08/19/2008) forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at <http://www.enlink.usace.army.mil>  
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## Hurricane Fay Commodities Model

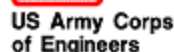
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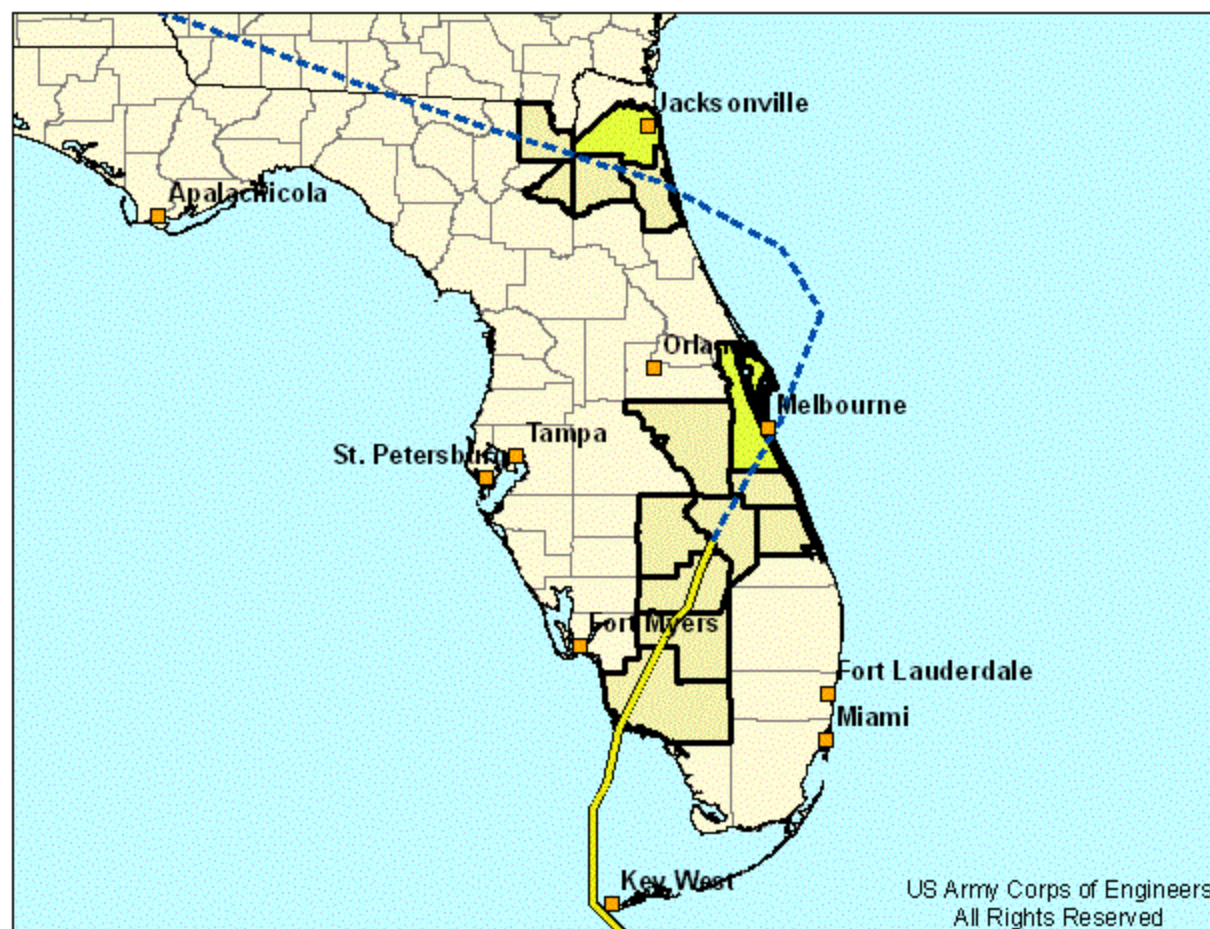


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# Hurricane Fay Temporary Roofing Model

Landfall Plus About **12** Hours

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## Post Landfall Temporary Roofing Model Results

Florida - 8,700

*Model results per County on  
following page*

This model is based on a  
Category 1 storm making landfall  
on SW coast, then NE coast.

Forecast Track

Historic Track

### Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

0 200 400 Miles

Information provided on this page displays a Category 1 storm making landfall on SW coast, then NE coast. These projections are based on information from the NHC (1700 EDT 08/19/2008) forecast. Temporary roofing is based on 2% in CAT 1.

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or contact Louisville District staff at DLL-CEURL-GIS@usace.army.mil

## Hurricane Fay Roofing Model

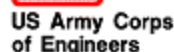
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# Hurricane Fay Temporary Housing Model

Landfall Plus About **12** Hours

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## Post Landfall Temporary Housing Model Results

None Expected

*Model results per County on  
following page*

This model is based on a  
Category 1 storm making landfall  
on SW coast, then NE coast.

Forecast Track

Historic Track

### Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 1 storm making landfall on SW coast, then NE coast. These projections are based on information from the NHC (1700 EDT 08/19/2008) forecast. Temporary housing is based on nothing.

Details about this model may be obtained at <http://www.englink.usace.army.mil>  
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## Hurricane Fay Housing Model

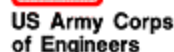
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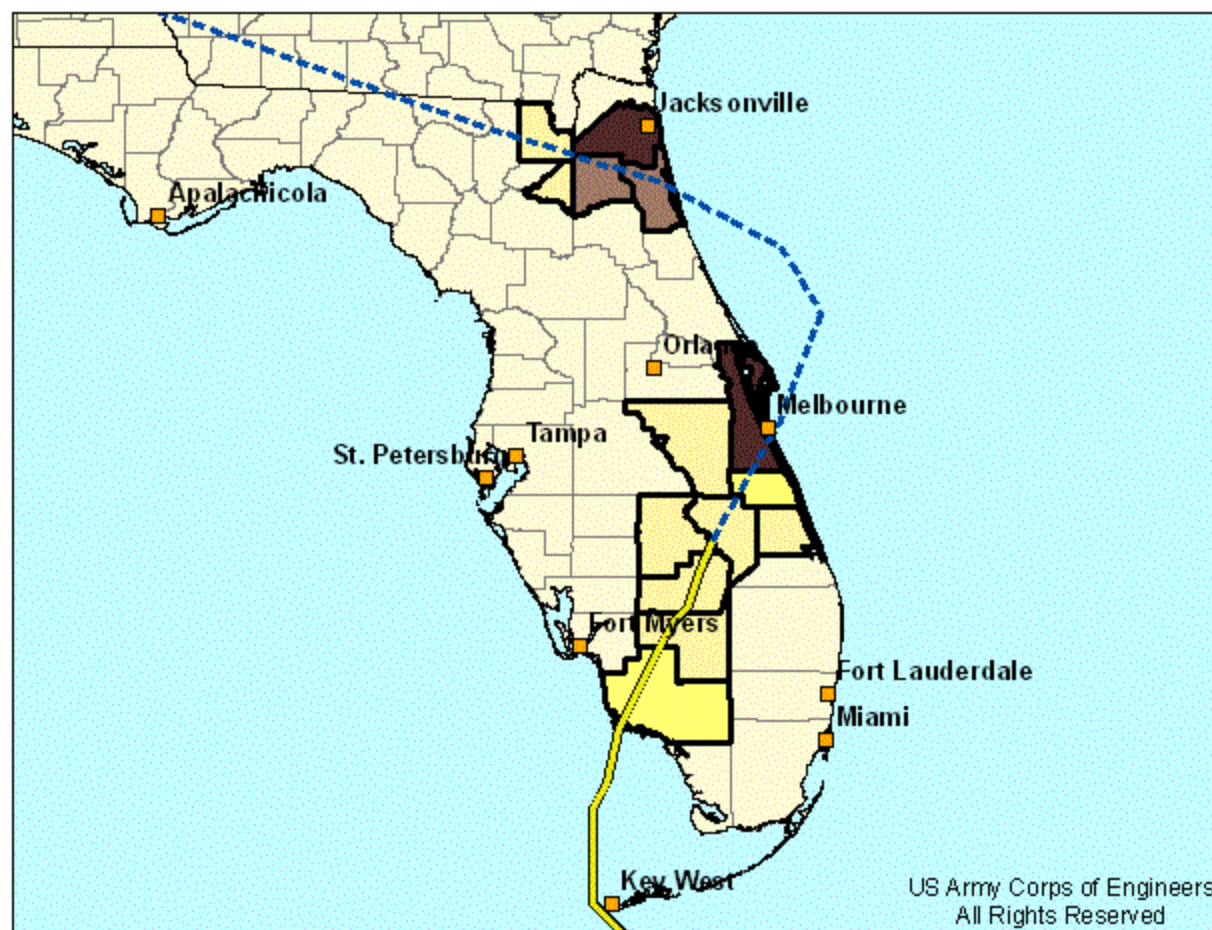


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# Hurricane Fay Population Model

Landfall Plus About **12** Hours

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0 200 400 Miles

## Post Landfall Population Model Results

Florida - 1,073,000

*Model results per County on  
following page*

This model is based on a  
Category 1 storm making landfall  
on SW coast, then NE coast.

Forecast Track

Historic Track

### Population

< 25,000 persons

25,000 - 99,999 persons

100,000 - 174,999 persons

175,000 - 249,999 persons

> 250,000 persons

Information provided on this page displays a Category 1 storm making landfall on SW coast, then NE coast. These projections are based on information from the NHC (1700 EDT 08/19/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

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## Hurricane Fay Population Model

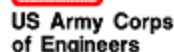
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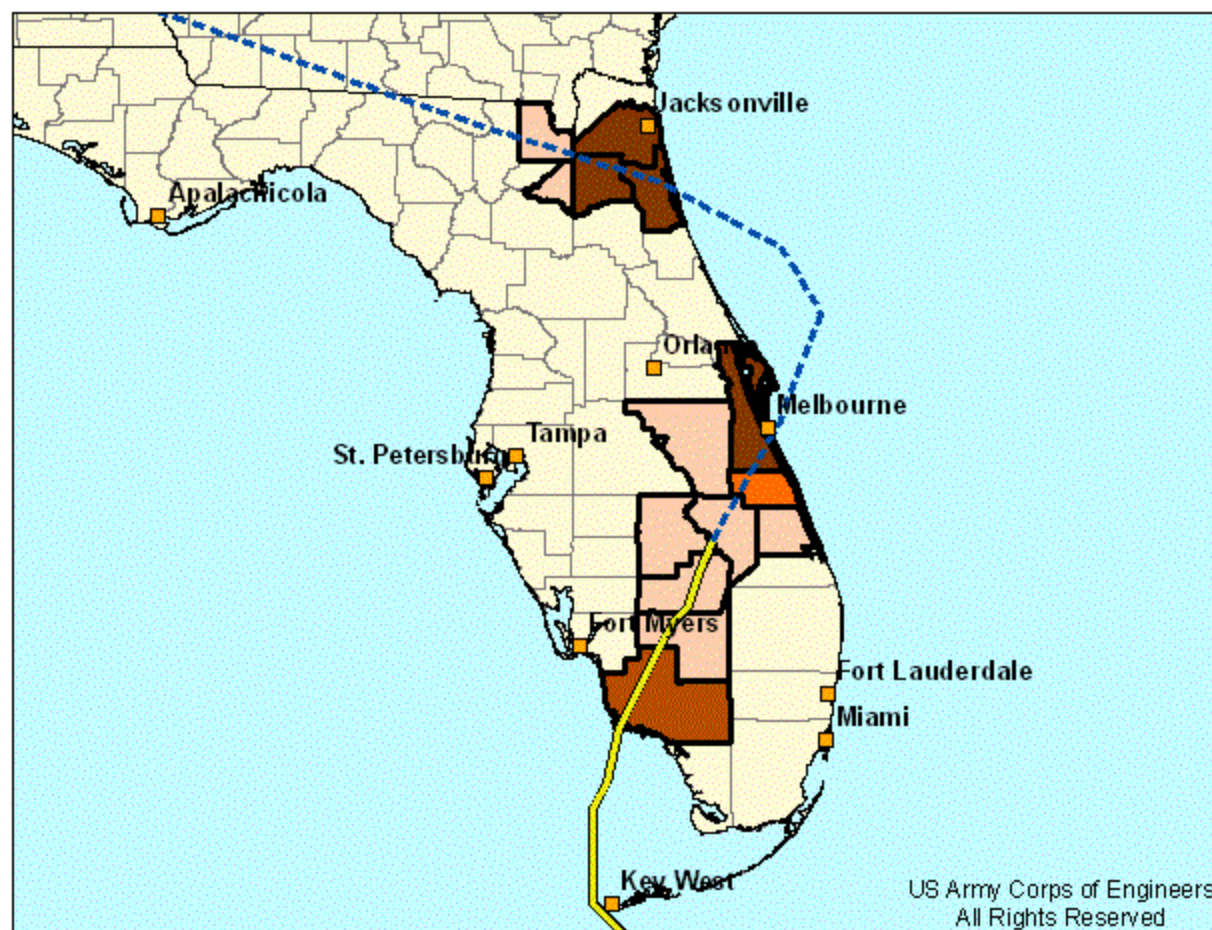


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# Hurricane Fay Households Model

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## Post Landfall Households Model Results

Florida - 425,000

*Model results per County on  
following page*

This model is based on a  
Category 1 storm making landfall  
on SW coast, then NE coast.

Forecast Track

Historic Track

### Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50,000 households

Information provided on this page displays a Category 1 storm making landfall on SW coast, then NE coast. These projections are based on information from the NHC (1700 EDT 08/19/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

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## Hurricane Fay Households Model

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[illegible]

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

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Hurricane Fay  
Households Model

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